

BRITISH FUNGI.

By M. C. COOKE.

*Gasteromycetes.***Lycoperdon Hoylei.** *B. & Br.* "Hoyle's Lycoperdon."

Peridium stipitate, subglobose, bristling with elongated rigid brown warts, sterile base small, confluent with the capillitium, spores globose, echinulate, lilac.—*B. & Br.*, *Ann. N. H.*, No. 1307.

On the ground.—Reading (Mr. Hoyle). Oct.

Stem 1 in. high, $\frac{3}{4}$ in. thick, lacunose, olivaceous within; peridium 2 in. across; warts $1\frac{1}{2}$ -2 lines high; capillitium and spores lilac; spores $\cdot 00015$ in; mycelium threadlike, white.

Scleroderma geaster. *Fr.* "Stellate Scleroderma."

Sessile, sub-globose, growing pallid, peridium dehiscing at the apex in stellate lacinia; inner mass dirty purplish black; spores globose, verrucose. *Fr. S. M.*, iii., p. 46. *B. & Br. Ann. N. H.*, No. 1308. *Seem. Journ. Bot.* ix. t. 116, *Trans. Woolh. Club*, 1870, p. 252, plate. *Lycoper. rotundum*, &c. *Mich.* t. 99, f. 1.

On the ground. Near Hereford (Dr. Bull). Oct.

Geaster tunicatus. *Vitt.* "Tunicated Geaster."

Outer peridium splitting to the middle in rather large lacinia, internal stratum thick, evanescent. Capitulum sessile; peridium flaccid, mouth minute, conico-fimbriate, circumscribed by a paler, scarcely determinate zone; columella with a long pedicel.—*Vitt. Mon.* p. 18, t. 3, f. 3. *B. & Br. Ann.*, N. H., No. 1306. *Geaster lageniformis*, *Cooke, Hdbk.* No. 1079.

Amongst Rhododendrons.

Messrs. Berkeley and Broome seem to regard this as the correct determination of the species described in Cooke's Handbook, No. 1079, under the name of *Geaster lageniformis*. Not having seen specimens we accept their decision.

Badhamia capsulifer. *B.* "Capsular Badhamia."

Peridium sessile or very shortly pedicellate, spherical, or ovoid, bluish-black, or blue-grey, dehiscing irregularly, seated on a whitish membrane; spores globose, pale brown, endochrome granular. *Berk. Trans. Linn. Soc.* xxi., p. 154. *Sphaerocarpus capsulifer.* *Bull.* t. 470, f. 2. *Trichia capsulifera.* *D.C. Fl. Fr.* ii., 254. *Physarum capsuliferum* *Chev. Par.* i., p. 339.

On living leaves of *Tussilago petasites*. Cheshire (T. Brittain.)

Perichæna quercina. *Fr.* "Oak Perichæna."

Peridia globose, yellow; somewhat lacerated, flocci and spores yellow.—*Fr. S. M.*, iii., 192.

On oak trunks. Autumn. Rare.

Detected by Mr. T. Brittain near Manchester, and determined by C. E. Broome, Esq., on whose authority it is inserted, as we have never seen specimens.